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(54) **Superconducting thick film circuit board, production thereof, thick film superconductor and production thereof.**

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(57) A superconducting thick film circuit board or thick film superconductor obtained by forming a rod-like crystal superconducting composite layer comprising a superconductor made of a compound of M-

Ba-Cu-O, M being Y and/or a lanthanide element, and a composite of Ag and Pt on a stabilised zirconia substrate has a high J_c value and good superconducting properties.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	APPLIED PHYSICS LETTERS, vol. 53, no. 2, 11th July 1988, pages 148-150, American Institute of Physics, New York, US; S. HATTA et al.: "Pt-coated substrate effect on oxide superconductive films in low temperature processing" * Page 148, full page *	1-5	H 01 L 39/12 H 01 L 23/48
A	APPLIED PHYSICS LETTERS, vol. 51, no. 13, 28th September 1987, pages 1027-1029, American Institute of Physics, New York, US; M. GURVITCH et al.: "Preparation and substrate reactions of superconducting Y-Ba-Cu-O films" * Page 1027, paragraph 1; page 1028, paragraph 5; page 1029, paragraphs 3-4; figures 2-3 *	1-5	
P,A	EP-A-0 292 125 (FUJITSU) * Page 10, claim 14 *	1-6	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
E	EP-A-0 306 286 (SEL) * Column 5, lines 27-36 *	1-5	H 01 L 39
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-05-1990	Examiner HAMMEL E.J.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			